The RARS Exciter

RALEIGH AMATEUR RADIO SOCIETY
RARS
WORLDWIDE FRIENDSHIP

No 289, April 1994 - Repeaters: 146.64-, 147.57, 444.525+, 444.95+ BBS: 772-9176

RARSfest 1994

When the weather begins to turn a little warmer, the flowers begin to bloom and the pollen begins to clog your sinuses, you know that RARSfest must be just around the corner.

And indeed it is. The Jim Graham Building on the N.C. State Fairgrounds on Sunday April 17th will host the 22nd Annual edition of the Raleigh Amateur Radio Society Hamfest and Computer Fair.

The festivities actually begin on Saturday night, April 16th with the RARSfest social and welcoming reception from 7-9 PM in the large meeting room inside the hamfest building. After this, at 9:30 PM the induction ceremony for the Royal Order of the Wouff Hong will be held. This awe-inspiring rite is open to all licensed amateurs.

The next day at 8 AM the doors open to the world of bargains galore and ham-shack fantasy that is the RARSfest. At various times during the day there will be drawings for pre-registration, hourly and major prizes that can help make your ham-shack fantasies a reality without breaking your budget.

For those with special interests, there will be special interest forums on such topics as Army and Navy MARS, QCWA, NTS, ARES, ATV, Packet and DX, as well as a special ARRL forum with Roanoake Division and national ARRL staff. Times and locations will be announced at the hamfest.

There will be a competition for homebrew enthusiasts to show off their best projects, such as antennas, computers, test gear or radio equipment. A prize will be awarded.

Amateur radio exams will be available starting promptly at 11 AM, but **BY PREREGISTRATION ONLY**. The deadline for exam preregistration is April 9, 1994. For exam preregistration information, contact Vince Yakamavich AA4MY at 919-847-8512 (exam information only).

For other information on RARSfest tickets, flea market or dealer space, contact Rollin Ranson NF4P at 919-269-4406.

Curt Phillips KD4YU

HELP WANTED!!!

HELP WANTED!!

Our annual hamfest is being held on April 17th. We need volunteers for the following areas: Ticket Sales, Communications Center, Security, Setup and Tear Down.

If you are interested in helping please contact Brian, KD4BFJ at 554-1279 (H) or 878-6058 (W).

Thanks for your support!

Cyndi, KD4ACW

The Raleigh Amateur Radio Society, Inc. (RARS), founded in 1969, has grown to be one of the premier radio clubs in North Carolina. Current membership is around 350.

The objectives of the club are to promote world wide friendship through Amateur Radio; to be of public service by providing radio communication in times of disaster, emergency, or civic need; to educate members in radio technique, and to assist in obtaining Amateur Radio licenses.

All persons interested in Amateur Radio, currently licensed or not, are eligible to apply for membership to the club.

Dues to the club are $18.00 per year (which runs from July 1 to June 30). Applications for membership may be obtained from any of the officers named below; from the newsletter editor, named on the facing column; or at any RARS Meeting.

Club meetings are held the first Tuesday of every month, 7:30 PM, at Forest Hills Baptist Church, on the corner of Clark Avenue and Dixie Trail, just off of Hillsborough Street.

In addition to the many social and special events, the club sponsors a 2 m repeater, W4DW, on 146.04/64 MHz. The club also sponsors repeaters on 223.04 / 224.64 MHz, 449.5 / 444.5 MHz, 449.95 / 445.95 MHz and a packet cluster node on 147.57 MHz. All repeaters cover Raleigh, and most of the surrounding Wake County area. The auto-patch on W4DW is now no longer closed and is open to all duly licensed amateurs.

1994 Officers:

President: Rick Merkle, KA3PSK
6412 Sassafras Lane
Raleigh, NC 27614
870-8268

Vice President: Bill Lyon, KD4LLQ
2351 Champion Court
Raleigh, NC 27606
832-7975

Secretary: Jeff Wittich, AC4ZO
211 Dundalk Way
Cary, NC 27511
362-9456

Treasurer: Mike Murphy, WA4BPJ
7329 Barberry Court
Raleigh, NC 27615
847-4641

The EXCITER is published monthly by the Raleigh Amateur Radio Society, and is mailed at no cost to its members.

Letters to the Editor, technical articles, items of interest to the ham community and guest editorials are actively solicited.

Any article published in the EXCITER does not necessarily represent the views of, the Officers, Board of Directors, Editor, or Society Membership, nor does publication thereof represent concurrence by the Officers, Board of Directors, Editor, or Society membership with the contents of the article.

Articles will be printed at the discretion of the Editor, and no article will be published unless it is accompanied by the name(s) of the person(s) submitting the article.

All copy must be in the hands of the editor by the end of the Board of Director's meeting on the third Tuesday of each month. Articles submitted for publication may be hand or type written, an ASCII file on disk transmitted electronically via telephone modem, or on the ham bands using PACKET.

Ham related items for sale by the members will be advertised without charge for one issue, but may be re-submitted as often as desired. These ads must be non-commercial in nature.

Commercial ads will be run in return for the following donations to the club:

	Single Issue	Full Year
Business Card	$7.50	$75.00
Quarter Page	$11.25	$112.50
Third Page	$15.00	$150.00
Half Page	$22.50	$225.00
Full Page	$50.00	N/A

(Commercial ads must be of "camera-ready quality," and obviously can not be sent via ham bands.) Due to the reprographic process used, no color copy can be accepted.

Mailing List: Mike Murphy, WA4BPJ
7329 Barberry Court
Raleigh, NC 27615
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1994 Editor: Curt Phillips, KD4YU
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772-0207

SPECIAL SERVICE CLUB

Young Ladies' Radio League

AMSAT

SOUTHEASTERN REPEATER ASSOCIATION MEMBER

The TEN COMMANDMENTS FOR TECHNICIANS

1. Beware the lightning that lurketh in the undischarged capacitor, lest it cause thee to bounce upon thy buttocks in a most untechnician-like manner.

2. Cause thou the switch that supplieth large quantities of juice to be opened and thusly tagged, that thy days in this earthly vale of tears be long.

3. Prove to thyself that all circuits that radiateth and upon which thou toil are grounded and thusly tagged lest they lift thee to radio heaven.

4. Tarry thou not amongst those fools that engage in intentional shocks for they are surely non-believers and are not longeth for this world.

5. Take care that thou useth the proper method when thou takest the measure of a high-voltage circuit lest thou incinerate both thy self and thy meter, for verily, though thee hast no account number and can bringeth much woe unto thy supply room.

6. Take care thou tampereth not with interlocks and safety devices, for this incurreth the wrath of thy supervisor and bringeth the fury of the safety inspector upon thy head and about thy shoulders.

7. Toil thou not on energized equipment, for if thou so dost, thy fellow workers will surely buy beers for thy widow and console her otherwise.

8. Service thou equipment not alone, for electrical cooking is a slothful process and thy might sizzle in thy own juices for hours upon a hot circuit before thy maker sees fit to end thy misery.

9. Trifle thou not with radioactive tubes and substances lest thou commence to glow in the dark like a lightning bug and thy wife hath no further use for thee except for thy wages.

10. Causeth thou to be tagged all modifications made by thee upon equipment lest thy successor tear his hair and go slowly mad in his attempt to decide what manner of creature hath made a nest in the wiring of such equipment.

from "Rock'N Roll Radio" BBS, Atlanta, GA
via Curt KD4YU

Public Service Events

It's that time of the year again folks! Punxsutawney Phil saw his shadow again this year but Spring is just around the corner. The calls have started, requesting our outstanding communications capabilities.

I'm looking foward to another super year. I have listed the events that I am aware of so far, and if any other events come up I will let everyone know. Please mark your calendars!

April 10 MS Society Walk, Durham/ Raleigh/Cary to Umstead Park
April 16 March of Dimes Walk, RTP
April 23 March of Dimes Walk, Raleigh
April 30 March of Dimes Walk, Chapel Hill
May 22 MS Society Bike Ride, Cary to Shearon Harris
May 07 American Diabetes Society, Bike Ride, Outer Banks
June ?? Crohn's & Colitis Foundation Walk, RTP
Sept.24 & 25 MS Society Bike Ride, Greenville to Camp Seagull
Oct. ?? Dix Hill Run, Dorthea Dix Hospital Grounds
Oct. 14-23 Red Cross, State Fair Communications
Dec. ?? Cary Christmas Parade, Cary JC's

I will be getting some help from the Durham, Orange County, Greenville and the Outer Banks Amateurs to help in the events this year.

THANKS and 73,

Doug Sweet, KC4UPZ,
Public Service Director

Support **RARSfest**. See page 1 for information on how you can help.

Support the vendors and exhibitors that support **RARSfest**. Let them know you appreciate their participation in our hamfest.

FCC RFI SURVEY

The FCC has released the results of a just completed telephone interference survey and it says that going QRP makes little difference in telephone related RFI.

Thirty-five FCC field offices each picked three random cases of telephone interference on record and then visited the scene. The transmitting stations included 47 Citizens Band; 27 Amateur; 23 AM broadcast; 10 FM broadcast; and one international broadcast station.

At the location experiencing interference, the FCC's Field Operations Bureau personnel would first test the telephones on site, and then test their own RFI immune telephones, as well as several commercially available filters. In all, some 241 different telephones were tested.

Among the FCC's conclusions was that transmitter power did not seem to be a significant factor. In fact, transmitters that ran 10 watts or less caused significant telephone interference in one-third of the cases. The FCC also said that add-on filters provided a cure to the interference problem in only one-third of the incidents investigated.

The study did however conclude that manufacturers can design better telephones. The FCC says that it hopes the survey will encourage affected parties to productively address and resolve this problem, but stopped short of ordering the manufacturing community to produce only RFI immune telephones.

from Amateur Radio Newsline

HALLER TO HEAD PCS TASK FORCE

One of the nations best known and most respected ham radio operators has been selected to guide all personal communications into the next century and beyond. This, with the naming of FCC Private Radio Bureau Chief Ralph Haller, N4RH to head the newly created Commission task force on personal communications services, better known as the PCS.

The Commission says that the task force will provide a focal point for all of the PCS issues currently before it and those yet to surface. The group will would work with all of the FCC's bureaus and offices that are involved in PCS issues. It will also be responsible for assuring consistency between policies and rules for narrow-band and wide-band PCS services.

FCC Chairman Reed Hundt says that he choose Ralph Haller to head up the task force because he is confident that under his leadership the group will guide the Commission in the timely development of a comprehensive regulatory framework for the PCS. Other members of the task force include FCC Chief Engineer Tom Stanley, Robert Pepper who is Chief of the Office of Plans and Policy, Donald Gips the Deputy Chief of Office of Plans and Policy and FCC Chief Economist Michael Katz.

from Amateur Radio Newsline

YOUNG HAM of the YEAR

A reminder that the Westlink Report ham radio newsletter thatthe nominating period for its annual Young Ham of the Year Awardcloses on Saturday April the 30th. The Westlink Report Young Hamof the Year award was conceived to honor the younger members ofthe Amateur Radio Community. Hams aged 18 and younger who haveused Amateur Radio to significantly contribute to the benefit ofthe service, to their community or the nation are eligible.

With corporate underwriting from Yaesu USA Corporation, the1994 winner will receive a trip to the Sea Pac convention, apiece of ham radio equipment and a special plaque denoting hisor her accomplishments.

All nominations must be submitted on an official applicationavailable for a self addressed stamped envelope to the WestlinkReport Young Ham of the Year, 28197 Robin Avenue, Saugus, CA91350. The winner will be announced in early May.

from Amateur Radio Newsline

OFFLINE READERS:

A "NEW" TOOL FOR COMBING THE BBSs

Landline Bulletin Boards have added an interesting dimension to my hobby of communications, ever since I was introduced to the old RARS Searchlight BBS. If your computer is sitting there isolated, a world unto itself, I recommend that you give BBSing a try. But that's not what this story's about.

What it's about is... you BBS guys have been holding out on me! You've been keeping secrets! Why didn't somebody tell me about this "offline reader" stuff a long time ago?

What's an "offline reader?" An offline reader is a program that makes reading and writing BBS messages much easier and efficient.

If you've BBSed for a while, you know that you're generally doing one of just a few things: making choices from menus, reading messages, writing messages, or uploading and downloading files. The fun part for me is reading and writing messages. That's the "bulletin board" part of a BBS — the public postings of news, opinion, and general blather. Yes, there's a lot of "chaff" to go through to get a few valuable grains of wheat, but after a while I learned to be selective in what I read.

But even when being selective, reading stuff from a BBS takes a fair amount of time. Evelyn Wood might help here, but until she arrives, I must plod along at considerably less that the 14,400 baud rate my modem will handle. All that reading, and the occasional response I decide to send, tie up a phone line to the BBS. And if the BBS only has one phone line, nobody else can play until I hang up.

I tried getting smart, and turned on the disk-capture feature of my communications program. Then I just scrolled quickly through all the messages I thought I might want to read, saving them on disk. I hung up, and went to read the messages. Scrolling, scrolling, scrolling, reading a little, skipping a lot... I got dizzy. And tired. And when I wanted to reply to some messages, it was more work than it was worth, keeping track of who and where the messages came from, typing replies and getting them uploaded to the right places. There had to be a better way.

Of course, there was. It's called "Offline Reading," and it's performed with software that compliments your communications program. There are several shareware Offline Readers out there on BBSs for you to download and try. I've been learning one called BLUE WAVE. Another popular reader is called OLX (OffLine eXpress). They do about the same thing.

I'll describe that thing in a minute, but the Offline Reader story begins with your favorite BBS. Before you can make an Offline Reader work, the BBS must be able to prepare a message "packet" to send to you at high speed. Many BBSs have this feature, but I'm sure there are some out there that do not. On the RARS/MMS BBS, you'll see it listed on the menu as "QSO."

The message packet the BBS sends for offline reading contains ALL the messages on the BBS from every conference you select. You "configure" the BBS by telling it which conferences you're interested in reading. The BBS maintains "pointers" that tell it which messages you've already read, so each time you call you only get the new messages.

You only have to configure the BBS once, although you can re-configure it to add or delete conferences whenever you want. Then, each time you log in, you ask the BBS to send you a packet with all the new messages, including your personal E-Mail. You can also get a list of files that have been added since the last time you called.

This packet is sent to you as fast as your hardware will allow — in my case 14,400 bauds. In about three minutes, the BBS sends me stuff that will take hours to read (until Evelyn Wood shows up, anyway).

OK, now I've got half a meg of stuff sitting (compressed) on my hard drive. What do I do with it?

That's where the Offline Reader comes in. Blue Wave, OLX or the other readers organize the data, and present it using a series of menus of their own. In a way, they turn my computer into a little BBS. They are designed to let me efficiently read through the messages in all the conferences I've selected, and respond to the messages I choose. They keep track of what I've read, and when I'm done, they prepare a "reply packet" for me to upload back to the

BBS.

When I call the BBS back to upload the reply, I don't have to sort through the conferences or tell messages where to go. The Offline Reader prepared all that for me. I just upload the packet, and the BBS sorts my replies to the correct destinations.

The readers have more features than I have space to describe here. The Blue Wave document file equals about 100 printed pages! And I haven't learned them all yet anyway. If you're interested, catch me on the air, or send me some mail on the RARS BBS and I'll go into more detail.

But BEWARE! Unless Evelyn Wood lives at your house, you can spend an awful lot of time browsing the BBSes with this new tool. Use it with care!

Gary KN4AQ

LIFETIME HAM LICENSE SOUGHT

The ARRL has petitioned the FCC to make Amateur Radio operator licenses valid for life. The League says in its petition that there is nothing in the Communications Act of 1934 that would prevent such a license term for radio amateurs. It wants a lifetime operator's license to allow inactive amateurs to return to the Service at the same class of license without the necessity for retesting.

This proposal will apply only to operator licenses, Amateur radio station licenses would still, by law, be limited to a 10-year term. A person with a lifetime operator license but no station license would not be permitted to operate a station of his own but would be able to operate from the station of another amateur. The League says that nothing in this proposal should have any effect on the FCC's call sign issuance program either as it currently exists or as proposed in the vanity call sign program.

The ARRL says that it is not proposing at this time to make this rule change retroactive. Rather it suggests the easiest way to implement it is simply to extend currently held operator licenses from 10 years to life. No rule making number has yet been assigned to this ARRL regulatory change request.

from Amateur Radio Newsline

FCC AND ARRL TO PROTECT JAMMER HUNTER IDENTITY

The ARRL and the Field Operations Bureau of the Federal Communications Commission have signed a new agreement concerning the use of amateur volunteers in the area of rules enforcement. The new accord adds an condition to protect the identities of Amateur Auxiliary members when the FCC institutes an enforcement proceeding involving information provided by the leagues Amateur Auxiliary.

The agreement is a revised and expanded version of one entered into in 1984 between the ARRL and the FCC. It spells out the roles of amateurs as trained and registered official observers, as well as the role of the Field Operations Bureau.

While the new arrangement continues to place the responsibility for initial information gathering at the local level, it also specifies a more centralized system for presenting information to the government in cases where enforcement action is requested. This will be accomplished between the Office of the Chief of the Field Operations Bureau and the league's Washington, DC office.

The volunteers will continue to be known as the ARRL Amateur Auxiliary to the Field Operations Bureau. The FOB also agrees to assist the ARRL in the training of volunteers and in publicizing the objectives and accomplishments of the program.

The bottom line is that jammers, foul mouths and other sources of interference had better watch out since members of the Amateur Auxiliary are probably already at work. The good guys now have the same protection the bad guys have had for years — anonymity. They will never know who the jammer hunters are but their work will pay off when an FCC inspector comes knocking their your door or a letter containing a notice of violation and a heavy fine shows up in the mail.

The new agreement became effective on February the 26th.

from Amateur Radio Newsline

HamHelp

Q: I know that modems are used to allow a computer to communicate over telephone lines, and a TNC allows a computer to communicate over the radio bands, so they seem to do similar things. Since I already have a modem, I was wondering if it could be turned into a TNC?

[from the FidoNet HamTech echo]

A: Sure you can turn a modem into a TNC. Go to a hamfest, sell your modem and use the money to buy a TNC. That's the only practical way to turn a modem into a TNC. Actually, that's getting increasingly difficult to do since the prices of modems are falling lower and lower, while TNC prices have seemed to bottom out.

Curt KD4YU

Q. What kind of radio is a Glock 17?

[from the FidoNet HamTech echo]

A: The Glock 17 is a handheld transmitter. It transmits round, electrically conductive projectiles with a velocity factor of about 9 x 10^{-7} percent at frequency of up to about 3 Hz. At its highest frequency, it can only transmit for about 6 seconds and then it must be recharged. As you can perhaps tell from its frequency capability, it's not suited to operation on the ham bands, though just as a ham may use other non-ham transmitters (such as business band, CB or GMRS), many hams use Glock 17s for transmitting within its design parameters.

These transmitters have proved very popular with law enforcement personnel. Scanner listeners often indirectly hear of the transmissions of Glock 17s, because law enforcement officers sometimes coordinate their Glock 17 transmissions via their handheld transceivers or car transceivers. This is fortunate, because while the Glock 17 can be quite fun to use as a transmitter, you would never want to receive a Glock 17's transmissions.

Curt KD4YU & Harry Callahan W44S&W

Send your HamHelp questions in via the RARS BBS or snail mail (6200 Vicky Drive, Raleigh, NC 27603) and get a real, straight answer (especially if it's not the April issue)..

Amateur Radio Licensing Test Session

Saturday, April 9th

Time: 9:00 AM

Location: Fujitsu Network Switching
Somerset Park
4403 Bland Road
Raleigh, NC 27609

Contact: Paul Sobon NO0T
Work 790-2596
Home 847-8830

If you plan to attend, please call me as we would like to get an idea of how many will be testing. Walk-ins ARE allowed for this test session.

You will need a picture ID and a copy of your current license (if upgrading), plus any previous test credits if applicable.

Bland Road is west off of Old Wake Forest Road, about a mile north of the I-440 Beltline. Talk-in will be on 146.64 MHz.

Paul NO0T

The *EXCITER* TRADING POST

FOR SALE: Kenwood TS430S HF Transceiver, with PS430 power supply, AT250 auto antenna tuner and MC-60A microphone, all in like new condition. With manuals and original invoice, total cost of $1211.88, sell for $900.00 firm.

Gonset Amplifier, GSB 101 Model 3262 (tube type), no manual, $200.

Lyman McLean KB4LEN,
919-438-7002, Henderson

CUBA AND THE ARRL

Cuban American hams are angrily denouncing ARRL acceptance of an invitation for United States hams to join their Cuban counterparts in future operating events. They are making their displeasure known on voice, on CW and on packet.

The crisis began after the league issued an official bulletin saying that the Cuban national society had invited American amateurs to participate in a joint operation in the 1994 ARRL June VHF QSO Party. It said that ARRL Oklahoma Section Manager Joe Lynch, N6CL, received the invitation to lead the group during his visit to Cuba the week of February 7th.

Lynch, who is also the VHF editor of CQ Magazine was in Cuba as a member of a Methodist Church work team. While there, he extended greetings from ARRL officials and presented Federacion Radioaficionados de Cuba President Pedro Rodriguez, CO2RP, with a certificate of participation for the June 1993 ARRL VHF QSO Party. Joe also presented an author's certificate to Arnie Coro, CO2KK, for his article in December 1993 issue of the League's QST magazine.

But many Cuban expatriate hams living in south Florida say that Rodriguez is nothing more than a puppet of Cuban Dictator Fidel Castro. They claim that Rodriguez is a member of the Cuban military who was given a ham call sign and a new political job. The job of keeping Cuban hams following the Castro party line. This they say at the risk of loosing their ham radio privileges and possibly going to jail.

The Cubans hams living in the United States say that hams outside Cuba should not be holding hands with the FRC. Instead they should be pressuring their national societies to force the FRC to loosen the reign that dictator Castro has placed on the Cuban ham community.

If it does take place, the joint VHF operation will place from Bellomonte, Cuba. Officials of the FRC say they have also taken under consideration a proposal from an American group for a joint operation from Cuba on the High Frequency bands in 1995.

from Amateur Radio Newsline

MINUTES OF THE MEETING

Monthly Club Meeting

March 1994

The regular meeting of the Raleigh Amateur Radio Society was held on March 1, 1994 at the Forest Hills Baptist Church on Clark Avenue. This meeting commemorated RARS 25th year, and took the form of an ice cream social.

The meeting was called to order at 7:35p by Rick KA3PSK and was attended by 96 members and 11 guests.

The following announcements were made:

Fred KE4IXL announced that a group purchase of Flexi 4-XL is being organized. Several types of connectors are also available. Contact Fred for details.

Lynn KO4QH announced that the RARS class will commence on March 8 at the Westover United Methodist Church.

Cyndi KD4ACW said that volunteers are still needed for the April 17 RARSFest. Help is still needed for setup, cleanup, security, and ticket sales. To volunteer, contact Brian KD4BFJ at 554-1279.

Nola KD4OLZ announced that the Crystals T-shirts and sweatshirts have arrived and may be picked up.

Alan AB4OZ in his hamfest report, said that the Charlotte Hamfest will be on March 12, 13 and Kinston is set for March 27.

Laura AD4PU announced that new users guides are available for the W4DW Packet Cluster. The document is $10.00 per copy.

Walt KM4BU said that the next meeting of the

5 Year Planning Committee is scheduled for next Tuesday (March 8)at the home of Danny, KD4RAA. They will review a preliminary 5 year plan at the meeting.

Emily KE4CBI passed out WARM FUZZIES as invitations to check in to the RARS Youth Net, which meets on Sunday evenings at 8:30. There has been a slight change in the format. Listen to the preamble for details.

Mark and Sharon WD4KSE and KD4WTL were presented a gift of $100.00 for the new additions to the Freeze family. Congratulations on the twins.

Business was opened by Mike WA4BPJ, who gave the Treasurers report. He also reported that membership stands at 377.

Rick KA3PSK asked for membership approval for an expenditure of $518.60 for 144 coffee mugs to commemorate RARS silver anniversary. The cups would be sold for $5 each. A motion to approve the expenditure was made by Jim KD4OWA and second was by Jesse W4JG. Motion carried.

The three changes to the bylaws that were proposed in the March Exciter were made. A motion was made by KD4OWA to accept the proposed changes to Section 2. Second by KD4LLV. Motion carried. A motion was made by KM4BU to accept the proposed changes to Section 8. Second by KO4TV. Motion carried. A motion was made by KD4OWA to accept the proposed changes to Section 13. Second by NA4G. Motion carried.

Ginger KD4OKP thanked all who helped on the Awards Committee, and the following awards were presented:

KM4BU - Plaque for Outstanding service as President 92-93;

KA3PSK - Plaque for Outstanding Service as Vice President 93; KO4CK - Plaque for Outstanding Service as Secretary 92-93;

KN4BS - Certificate for Editor of the Exciter;

KC4UPZ - Certificate for support of multiple ongoing RARS activities;

Murphy Family - Certificate for outstanding service to the Society;

K4SAN - Award for his work with the VHF UHF contests on behalf of the Society;

Audrey Brown - Certificate for her excellent service at the registration table;

KA3PSK - Certificate for efforts and contributions towards the success of the Society;

AD4PU - Certificate for Inspiration of the Year;

WA4MJF - Certificate for Chairman of the RARSFest;

RARSFest committee chairs were then recognized; the Clary family was recognized for efforts on ticket sales and were presented the WAS (worked all shifts) award;

KJ4SO - Gutenberg award for services on signs, flyers, etc.; KD4OKR - award for his work on the Field Day effort;

KD4JMN - Boondoggle award for providing power for Field Day; Weinstein Family - True Grit award for providing an excellent breakfast on Saturday and Sunday at Field Day;

N4BYO - Plaque for Training Director;

KO4QH - the See no Evil, Hear no Evil, Speak no Evil Troll award for her Many services to the club;

All RARS instructors were then recognized; AA4MY and the VE team was recognized; KB4MDZ and the repeater support crew were recognized; RARS net control operators were recognized;

KE4CBI - The Up-on-the-Rooftop award for her work on the RARS Youth Net;

KO4CK - the Your-Worth-a-Million Crystal Memento for her work with the Crystals Net;

AC4ZO - the Sixty four on six-four award;

KD4LLQ - supply of gummy worms for his work on the Late-to-Work net, also the Porker award for starting the RARS pig-out breakfast;

WA4MJF - the Spuds McKensie award for his record purchase of beer for the RARS picnic;

KN4AQ (Flash) - the Triple Exposure award for his undaunted production of video archives for RARS history;

N4BYO - the Reach Out and Touch Someone award for making the most autopatches on a RARS repeater.

Also, awards of appreciation were presented to the following Crystals: KD4OLZ; KD4OKP; KD4ACW; KD4OKO; KE4FCJ; and KD4WTO.

Chuck K4HF introduced Reed Whitten AB4W, the NC State Section Manager to the ARRL who presented ARRL Membership awards to the follow-

ing: WA4PEN - 25 years; W4FMN - 25 years; W4JG - 25 years; K4HF - 40 years; W2ULV - 40 years; K4ABJ - 60 years.

Door prizes were won by: KC4UQN; KD4EWG; KD4OLN; K4FEP; KC4SYV; WA4LHE; and KD4DOV.

The meeting adjourned at 9:20p.

Jeff Wittich AC4ZO
Secretary

Board Meeting

February 1994

The monthly Board meeting of the Raleigh Amateur Radio Society was held at the Forest Hills Baptist Church on February 15. The meeting was called to order by KA3PSK at 7:14p. Members present at that time: KD4ACW, KN4AQ, KM4BU, K4HF, KD4LLQ, WA4PEN, KA3PSK, KO4QH, KC4UPZ, AC4ZO. Excused: WA4BPJ, KD4YU.

Motion by WA4PEN to approve the January minutes as written. Second by KC4UPZ. None opposed.

KD4LLQ asked for ideas for entertainment for the RARS birthday party, which will be the March Regular meeting. Several ideas were discussed and followup will be done by KD4LLQ, and KE4FCJ.

KO4QH reported that the last class had a pass rate of 76%. The next class will begin on Tuesday, March 8 and will end the week before the hamfest. The location is the Westover United Methodist Church. Publicity is being handled by Bob Rinn N4VQN.

It was felt by some of the Board members that RARS could do a better job of fulfilling its responsibility in the area of training young people. Several strategies were discussed, and eventually Lynn KO4QH was asked by Rick KA3PSK to collect ideas to address this issue.

KD4ACW reported on the Hamfest. She said that all is progressing well and all staffing is done with the exception of the security position. The flyers are scheduled to be mailed on March 1.

KE4FCJ, in the Welcoming Committee report said that she received many positive responses on the work of the committee at the February meeting. The response from volunteers for the committee has been good.

KN4AQ said that several RARS members were invited on a radio program on WYLT radio. The program was one hour in length on February 1, at 10:00a. The topic of the program was computers in the ham shack, and RARS enjoyed some favorable publicity.

KM4BU said that the Five Year Planning Committee has drafted a preliminary outline for a new five year plan. The next committee meeting will be used to try to make adjustments and improvements to the plan before presenting it to the Board. The next Committee meeting is scheduled for March 8. All RARS members are welcome.

KA3PSK displayed a sample of a mug that may be used as a fund raiser. After much discussion, a motion was floored by WA4PEN that the President go through Kelly KD4EWG, with the approval of the board, and authorize the purchase of 144 mugs to be sold at not more than $5.00, which must cover all costs. Second by KD4LLQ. Motion carried.

AC4ZO entertained ideas for updates to the RARS Bylaws. Motion was made by KC4UPZ to accept the proposed change of Section 13. Second by KD4ACW. Motion carried. Motion was made by K4HF to accept the proposed change of Section 2. Second by KD4ACW. Motion carried. Motion by WA4PEN to accept the proposed change of section 8. Second by KD4ACW. Motion carried. These proposed changes will appear in the March Exciter, and be voted on by the Membership in the March Regular meeting.

KN4AQ announced that the club at NCSU has lost their location for their hamshack. Gary will write a letter to the appropriate governing body of the school, asking them to support the W4ATC club. He would like to write it on behalf of RARS. After discussion, A motion was made by KN4AQ that RARS write to NC State officials, encouraging them to support the W4ATC Radio Club with a location for a club station. Second by KD4ACW.

A motion was then made by WA4PEN that we adjourn. Second by KD4ACW. Meeting adjourned at 9:17.

Jeff Wittich, AC4ZO - Secretary

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Calendar of Events: April 1994

APR 5 Regular RARS Meeting,
7:30pm, Forest Hills Baptist Church,
No exams at reg. Mtg.

APR 13 UHF/VHF SIG Meeting, info, Woody, KJ4SO, 848-1844

APR 14 Triangle TV Assoc., info, Brian, KD4BFJ, 554-1279

APR 17 RARSfest '94,
See front page for information..

APR 18 Scanner/SWL SIG Meeting, 6:30 PM dinner / 7:30 PM meeting,
Golden Corral Steakhouse, Western Blvd.,
info, Curt KD4YU 772-0207

APR 19 RARS Advisory Board Mtg., 7 PM, Forest Hills Baptist Church
All RARS members are Welcome!